IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Walton Sumner II, et al.   :   Group Art Unit:

Serial No.   :   Examiner:

                                                :

Filed: Even Date Herewith   :

For: COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION, EVOLUTION,
     AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM USING BAYESIAN
     NETWORKS AS A SCRIPTING LANGUAGE

PRELIMINARY AMENDMENT

Assistant Commissioner of
 Patents and Trademarks
Washington, D. C. 20231

Sir:

Preliminary to examination of the above-referenced application, please amend the application as

follows:

IN THE CLAIMS:

Add the following claims 46, 47, 48, and 49:

46. A computer system for evaluating or educating a user, comprising:

a processor;

a computer-readable medium storing instructions executable by said processor, said instructions

including at least one of:

generating a virtual patient based, at least in part, on at least one first belief network, which describes

a plurality of parallel health state networks;

generating the virtual patient based, at least in part, on at least one second belief network, which

describes rates of progression within and/or between the plurality of parallel health state networks; and